

EVO BOX EC



Double-panel
Structure



Isolating switch
included



EC
Technology

DESCRIPTION

Ventilation box, EVO BOX EC model with high acoustic attenuation for installation in any location. Airflow up to 6000 m³/h.

Equipped with isolating switch and airflow controller. Modular structure in extruded aluminium profile according to DIN 17615 with 30 mm thickness and reinforced nylon corners. Double-wall panels with 25 mm thickness, with outer face in Magnelis steel with corrosion class C5, inner face in galvanized steel sheet according to EN 10192. The intermediate insulation of the panels is filled with self-extinguishing polystyrene boards 25 mm thick, with a density of 30 kg/m³, providing high resistance to different mechanical stresses. The base of the unit is equipped with threaded rivets for mounting anti-vibration feet (supplied).

Available in 3 sizes, standard version (S) or filter version (F).

VENTILATION

STANDARDS AND CERTIFICATIONS



Class IE4



Mechanical
Protection
IP54



Corrosion
Class
C5

ADVANTAGES

- Low-consumption electronically commutated motor.
- Corrosion class C5.
- 25 mm thick panels.
- Internal speed controller for operating point adjustment.
- Factory-installed isolating switch as standard.

ACCESSORIES

- Airflow controller
- On - Off switch
- Differential air pressure switch
- Rain Roof
- Protection for rain

COMPONENTS

MOTOR

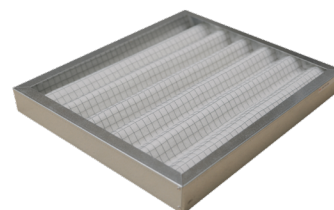
Single-phase internal rotor electronically commutated motor with high efficiency IE4 class, insulation class F, with IP55 mechanical protection.

FAN

Double-inlet centrifugal fans directly driven. Single-phase internal rotor electronically commutated high-efficiency motors, IE4 class.

FILTERS

ePM10 50% / M5 class filter according to EN 779 and ISO 16890. Installed in rails designed to maintain bypass leakage values within F9 class, according to EN 1886.





CHARACTERISTICS

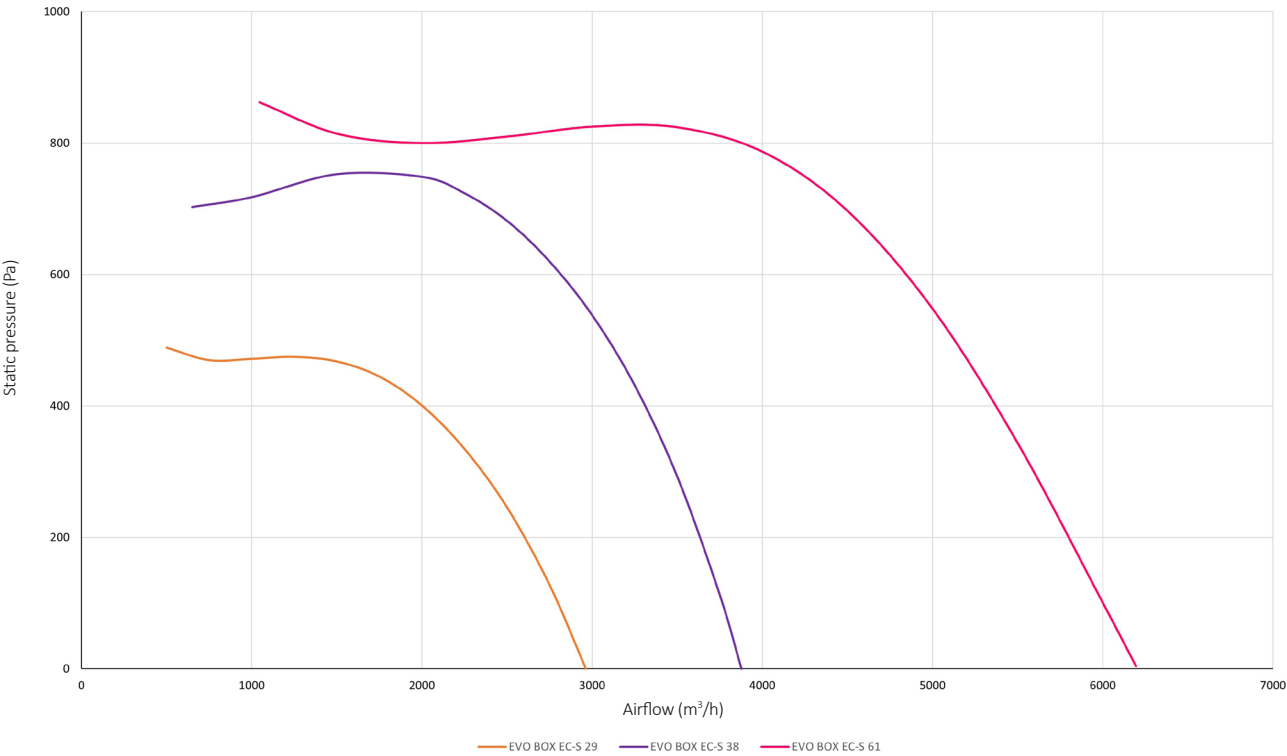
EVO BOX - S	29	38	61
Airflow (m³/h)	2803	3764	6001
Static Pressure (Pa)	100		
Maximum Speed (rpm)	2000	2000	1800
Motor Power (kW)	0,37	0,75	1,5
Power Supply (V F Hz)	230 1 50		
Motor IP Class	IP 54		
IMAX (A)	5	6	10
Sound Pressure (dB (A))*	35	40	43

EVO BOX - F	29	38	61
Airflow (m³/h)	2725	3704	5886
Static Pressure (Pa)	100		
Maximum Speed (rpm)	2000	2000	1800
Motor Power (kW)	0,37	0,75	1,5
Power Supply (V F Hz)	230 1 50		
Motor IP Class	IP 54		
IMAX (A)	5	6	10
Sound Pressure (dB (A)) *	35	40	43

* Sound pressure level at 4 m, measured in free field according to ISO 3744

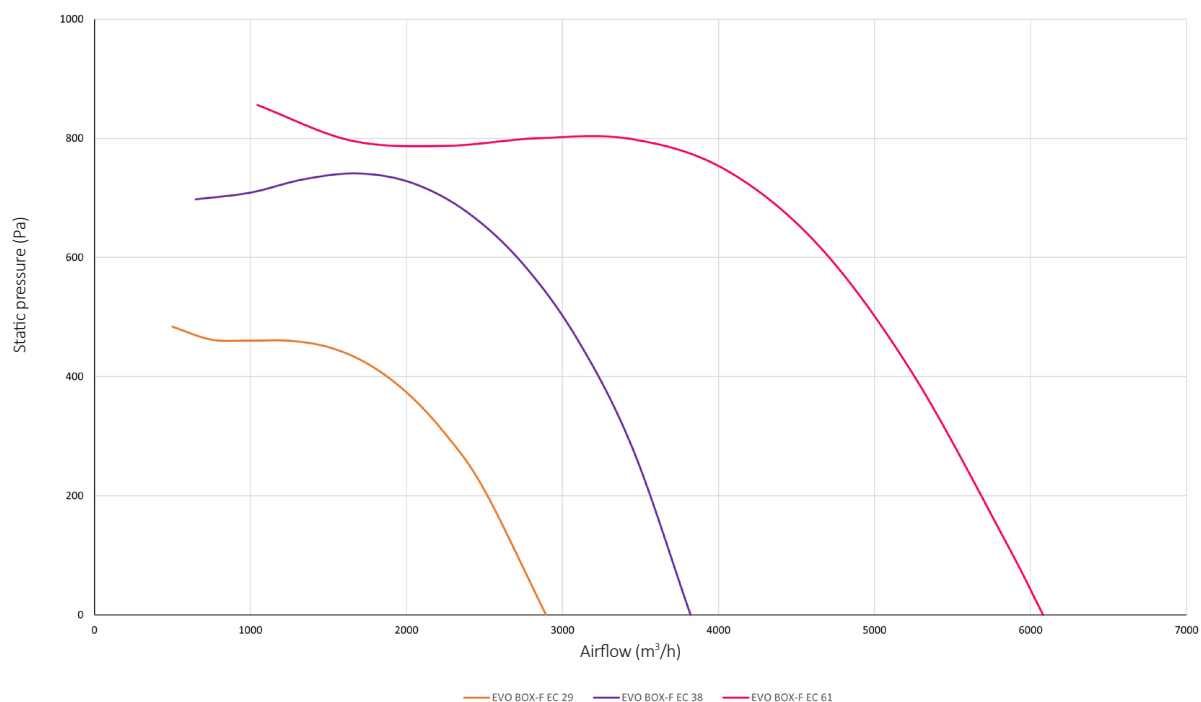
PERFORMANCE CURVES

EVO BOX EC - S



PERFORMANCE CURVES

EVO BOX EC - F



DIMENSIONS

EVO BOX - S	29	38	61
A (mm)	550	600	700
L (mm)	550	600	700
P (mm)	550	600	700
R (mm)	200	253	280
Q (mm)	225	225	325
Weight (kg)	26	34	44

EVO BOX - F	29	38	61
A (mm)	550	600	700
L (mm)	550	600	700
P (mm)	550	600	700
R (mm)	200	253	280
Q (mm)	225	225	325
Weight (kg)	29	38	52

